

**IN THE CLAIMS:**

Please amend claims 1, 5, 8, 10, 14, 17 and 19, and cancel claims 3, 4, 6, 12, 13, 15, and 21 without disclaimer or prejudice, as follows.

1. (Currently Amended) A user identification module for user equipment for use in an access network said module ~~being arranged~~ configured to enable a plurality of access network applications to run, wherein  
the module is configured to enable at least one core network application to run,  
the module configured to enable said core network application to run in parallel with at  
least one of the plurality of access network applications;  
the user identification module configured to generate authentication data for a  
core network and the access network; and  
the authentication data for said core network and the access network is further  
configured to be dependent on a common data set, the common data set is configured to  
comprise at least one shared key between the access network and the access network  
application or the core network application, and the shared key is configured to generate  
a required session key or keys.
2. (Original) A user identification module as claimed in claim 1, wherein said plurality of access network applications run in parallel.

3-4. (Cancelled)

5. (Currently Amended) A user identification module as claimed in claim-~~4~~1, wherein said common data set comprises data for use in encryption.

6. (Cancelled)

7. (Original) A user identification module as claimed in claim 1, wherein said access network comprises at least one of;

a CDMA2000 network;

a UMTS network;

a IEEE802.11 network;

a GSM network;

a DAMPS network;

a AMPS network,

a WCDMA network.

8. (Currently Amended) A user identification module as claimed in claim-~~3~~1, wherein said core network application is an IP multimedia service (IMS).

9. (Original) A user identification module as claimed in claim 1, said module comprising a Universal Integrated Circuit Card.

10. (Currently Amended) A communications system comprising  
a plurality of access networks;  
at least one user equipment arranged for use in at least one of said access networks; and  
a user identification module for use in ~~said the~~ at least one user equipment, said module being ~~arranged~~ configured to enable a plurality of access network applications to run, wherein  
the module is configured to enable at least one core network application to run,  
the module configured to enable said core network application to run in parallel with at  
least one of the plurality of access network applications;  
the user identification module configured to generate authentication data for  
the core network and the access network; and  
the authentication data for said core network and the access network is further  
configured to be dependent on a common data set, the common data set is configured to  
comprise at least one shared key between the access network and the access network  
application or the core network application, and the shared key is configured to generate  
a required session key or keys.

11. (Original) A communications system as claimed in claim 10, wherein said plurality of access network applications run in parallel.

12-13. (Cancelled)

14. (Currently Amended) A communications system as claimed in claim ~~13~~ 10, wherein said common data set comprises data for use in encryption.

15. (Cancelled)

16. (Original) A communications system as claimed in claims 10, wherein said access network comprises at least one of;

a CDMA2000 network;

a UMTS network;

a IEEE802.11 network;

a GSM network;

a DAMPS network;

a AMPS network,

a WCDMA network.

17. (Currently Amended) A communications system as claimed in claim ~~12~~ 10, wherein said core network application is an IP multimedia service (IMS).

18. (Original) A communications system as claimed in claim 10, said module comprising a Universal Integrated Circuit Card.

19. (Currently Amended) A method for operating a user identification module for user equipment for use in an access network, comprising ~~the step of:~~

enabling a plurality of access network applications to run;

enabling at least one core network application to run, wherein said core network application runs in parallel with at least one of the plurality of access network applications; and

generating authentication data for a core network and the access network, the authentication data for said core network,

wherein the authentication data for said core network and the access network is configured to be dependent on a common data set, the common data set is configured to comprise at least one shared key between the access network and the access network application or the core network application, and the shared key is configured to generate a required session key or keys.

20. (Original) A method as claimed in claim 19, wherein said step of enabling a plurality of access network applications to run comprises;  
enabling a first access network application to run,  
enabling a second access network application to run,  
wherein said first and second access network applications are enabled to run in parallel.

21. (Cancelled)